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## PATENT

Box Patent Application  
Assistant Commissioner for Patents  
Washington D.C. 20231

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Elizabeth A. VanAntwerp

Transmitted herewith for filing is the patent application of:

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**Title:** A MATERIAL OF LOW VOLUME RESISTIVITY, AN ALUMINUM NITRIDE SINTERED BODY AND A MEMBER USED FOR THE PRODUCTION OF SEMICONDUCTORS

**1. Papers enclosed**

**A. Required for filing date under 37 CFR 1.53(b) (Regular) are:**

- 47 Page(s) of Specification  
9 Page(s) of Claims  
1 Page(s) of Abstract  
16 Sheets of Formal Drawings (Figs. 1-16)  
☒ A Petition to Accept Color Drawings or Photographs  
☒ Three Sets of Figs. 4-7

**B. Other Papers Enclosed**

- ☒ A Patent Application Bibliographic Data
- ☒ A Preliminary Amendment
- ☐ An Information Disclosure Statement
- ☐ PTO Form-1449

**2. Additional Papers to Follow Under Separate Cover**

- ☒ A combined Declaration and Power of Attorney
- ☒ A Verified English Translation of the Non-English Language Provisional Application as Originally Filed
- ☒ A Submission of Certified Copy of Priority Documents and certified copies of:

Japanese Application 2000-322,615 filed October 23, 2000;  
 Japanese Application 2001-173,088 filed June 7, 2001; and  
 Japanese Application 2001-267,588 filed September 4, 2001.

- ☒ An Assignment Transmittal and Assignment of the invention to:

NGK Insulators, Ltd.  
 2-56, Suda-Cho, Mizuho-Ku  
 Nagoya, 467-8530  
 Japan

**3. Relate Back****A. 35 U.S.C. 119(e)**

- ☒ Priority of provisional application Serial No. **60/297,224**, filed **June 8, 2001**, is hereby claimed under 35 U.S.C. §119(e).

**B. 35 U.S.C. 120, 121 and 365(c)**

- ☐ Priority of said prior application \_\_\_\_\_, filed \_\_\_\_\_, is hereby claimed under 35 U.S.C. §120.

**C. 35 U.S.C. 119 Priority Claim for Prior Application**

- ☒ Priority of foreign application(s) is hereby claimed under 35 U.S.C. §119 as follows:

Japanese Application 2000-322,615 filed October 23, 2000;  
 Japanese Application 2001-173,088 filed June 7, 2001; and  
 Japanese Application 2001-267,588 filed September 4, 2001.

- ☒ Certified copies of the above corresponding foreign applications will follow under separate cover.

5. The filing fee has been calculated as shown below:

- A. Filing Fee  
☒ Original Patent Application \$ 740.00  
(37 C.F.R. 1.16(a) - \$740.00; Small Entity - \$370.00)
- B. Fees for Claims (75 Claims; 5 Indep.)  
☒ each independent claim in excess of 3 \$ 168.00  
(37 C.F.R. 1.16(b) - \$84.00; small entity - \$42.00)
- ☒ each claim in excess of 20 \$ 990.00  
(37 C.F.R. 1.16(c) - \$18.00; small entity - \$9.00)
- ☐ multiple dependent claim(s) \$ .00  
(37 C.F.R. 1.16(d) - \$280.00; small entity - \$140.00)
- C. Surcharge fees  
☒ late payment of filing fee \$ 130.00  
(37 C.F.R. 1.16(e) - \$130.00; small entity - \$65.00)

and/or

- ☒ late filing of original declaration or oath \$ .00  
(37 C.F.R. 1.16(e) - \$130.00; small entity - \$65.00)

NOTE: If both the filing fee and declaration or oath were missing from the original papers, only one surcharge fee for both need be paid. 37 C.F.R. 1.16(e).

- D. ☐ Fee for processing an application filed with a specification in a non-English language \$ .00  
(37 C.F.R. 1.17(i) and 1.52(d) - \$130.00)
- E. ☒ Assignment Fee \$ 40.00

**Total Fees Due \$ 2,068.00**

6. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

- ☐ A check in the amount of \_\_\_\_\_ is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.
- ☐ Any additional filing fees required under 37 CFR 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

October 18, 2001

Date

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